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POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).								
I hereby a	ppoint:					_		
Practi	Practitioners associated with the Customer Number: 24738							
OR								
Practi	tioner(s) named	below (if more than ten patent	practitioners are to	e named, then a	customer nu	imber must be u	sed):	
		Name	Registration Number		Name		Registration Number	
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as attorney(s) or agent(s) to	represent the undersigned before	ore the United State	Detact and Tord	made Office	Alegron b		
any and an p	evary ebbitcano	ns assigned only to the undersited and with 37 CFR 3.73(b).	gned according to the	e USPTO assigna	nent records	or assignment of	locuments	
Please chang	e the correspo	ndence address for the applicat	lion identified in the	itached statemen	t under 37 C	SER 3 73/h) for		
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X The	address accor	sated with Customer Number:	24738	3)	- [
OR		ALEC WILL COSTONIES MOSIDES.		<u> </u>				
Firm o	or Sual Name					 		
Address								
City								
	<u>·</u>		State	·		Zip		
Country								
Telephone				Fax				
<u></u>								
Assignee Nan	ne and Address	:						
		KONINK	KLIJKE PHI	LIPS ELEC	TRONI	CS N.V.		
KONINKLIJKE PHILIPS ELECTRONICS N.V. Groenewoudseweg 1								
5621 BA Eindhoven, The Netherlands								
A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/8B/96 or equivalent) is required to be								
filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of								
the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.								
SIGNATURE of Assignee of Record The dividual whose signed and title is supplied below is authorized to act on behalf of the assignee								
Signature .	Mus	Kale. Hil	war		Date 0	2 FEB 2	2005	
Name 1	Michael	E. Marion			<u> </u>		33-9637	
Title	Authori	zed Representat	ive		1	()2-1/		
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This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Rec'd PCT/PTO 12 MAY 2005 10/535070

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER PHNL021185 US

As a below named inventor,	I hereby declare that:		
My residence, post office add	dress and citizenship are as stat	ed next to my name.	
(if plural names are listed be	ow) of the subject matter which sion of nanowires of sem	name is listed below) or an original is claimed and for which a patent iconductor material" the sp	is sought on the
is attached hereto.			
☐ was filed as United States	application		
Serial No			
on			
and was amended		•	
on			
was filed as PCT internat Number PCT/IR2003/05000 on 06 November 2003	2-1-02022/1	0014	
and was amended under PC	T Article 19		
on			(if applicable).
	iewed and understand the conte amendment referred to above.	ents of the above-identified specifi	cation, including the
I acknowledge the duty to diswith Title 37, Code of Federa		rial to the examination of this app	lication in accordance
patent or inventor's certificate United States of America list certificate or any PCT interna	e or of any PCT international ap ed below and have identified be ational application(s) designating	States Code, § 119 of any foreign plication(s) designating at least or low any foreign application(s) for parties at least one country other than the date before that of the application	ne country other than the patent or inventor's ne United States of
PRIOR FOREIGN/PCT APP	LICATION(S) AND ANY PRIOR	ITY CLAIMS UNDER 35 U.S.C. 1	19:
COUNTRY	APPLICATION NUMBER	DATE OF FILING DAY, MONTH, YEAR	PRIORITY CLAIMED UNDER 35 USC 119
Europe /	02079837.7	18 November 2002	YES
		DEDARTMENT OF COMMERCE B	atent and Trademarks Office

Rec'd PCT/PTO 12 MAY 2005

(includ	Combined Declaration For Patent Application and Power of Attorney (Continued) (includes Reference to PCT International Applications) Attorneys Docket Number PHNL021185 US								
POW	POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and								
	transact all business in the Patent and Trademark Office connected therewith. (List name and registration number) 10/535070								
	E. Haken, <u>Reg. N</u> o		_			none Calls to: elephone number)			
	ael E. Marion, <u>Re</u>		-3		•	•			
Edwa	Edward M. Blocker, Reg. No. 30,245								
	FULL NAME OF	FAMILY NAME		FIRST GIVEN NAME		SECOND GIVEN NAME			
100	INVENTOR	VAN DEN MEI	ERAKKER	J <u>ohannes</u>		Engelbertus			
10 U						Adrianus Maria			
201	RESIDENCE &	CITY		STATE OR FOREIGN COUN	NTRY	COUNTRY OF CITIZENSHIP			
	CITIZENSHIP	Tilburg M	$\overset{\cdot}{\times}$	The Netherlands		The Netherlands			
	POST OFFICE	POST OFFICE ADDR		CITY	-	STATE & ZIP CODE/COUNTRY			
	ADDRESS	Molenbochtst	raat 85	5014 EN Tilburg		The Netherlands			
	FULL NAME OF	FAMILY NAME		FIRST GIVEN NAME	-	SECOND GIVEN NAME			
	INVENTOR	BLAADEREN		Alfons					
202	RESIDENCE &	Utrecht		STATE OR FOREIGN COUNTRY The Netherlands		COUNTRY OF CITIZENSHIP			
1	CITIZENSHIP					The Netherlands STATE & ZIP CODE/COUNTRY			
	POST OFFICE ADDRESS	POST OFFICE ADDR				The Netherlands			
	Comens nouthansuae		manstraat	3572 LT Offection		The Netherlands			
		3				OFFICE OF THE NAME			
	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME Carlos			SECOND GIVEN NAME Maria			
		VAN KATS		STATE OR FOREIGN COUNTRY The Netherlands		COUNTRY OF CITIZENSHIP			
203	RESIDENCE & CITIZENSHIP	Utrecht				The Netherlands			
	POST OFFICE	POST OFFICE ADDR				STATE & ZIP CODE/COUNTRY			
	ADDRESS	Julianaweg 39		3523 XE Utrecht		The Netherlands			
		Julianaweg 5	, <u> </u>	JOZO AL GUCON		THE REGISTRATES			
I hereb	y declare that all sta	atements made herein o	f my own knowled	ge are true and that all stateme	ents made on	information and belief are believed			
to be t	rue: and further that	these statements were	made with the kno	wledge that willful false statem	ents and the l	ike so made are punishable by			
				nited states Code, and that suc	n williul laise :	statements may jeopardize trie			
validity of the application or any patent issuing thereon.									
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DATE DATE									
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DATE	17 June 2004					•			

U.S. DEPARTMENT OF COMMERCE- Patent and Trademarks Office

(July 1994)

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COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY (includes Reference to PCT International Applications)

NUMBER
PHNL021185 US

As a below named inventor,	I hereby declare that:		
My residence, post office add	dress and citizenship are as state	ed next to my name.	<u> </u>
(if plural names are listed be	low) of the subject matter which sion of nanowires of sem	name is listed below) or an original, is claimed and for which a patent is iconductor material; the spec	sought on the
is attached hereto.			
☐ was filed as United States	s application	No. 1	
Serial No			
on			
and was amended			
on —			•
Number PCT/IB2003/050014 On November 2003	ional application 4 107 1732003 500	D14	
and was amended under PC	T Article 19		
on			(if applicable).
	riewed and understand the conte amendment referred to above.	ents of the above-identified specifica	ation, including the
I acknowledge the duty to dis with Title 37, Code of Federa		rial to the examination of this applic	ation in accordance
patent or inventor's certificate United States of America list certificate or any PCT interna	e or of any PCT international apped below and have identified beleational application(s) designating	States Code, § 119 of any foreign a plication(s) designating at least one low any foreign application(s) for pay at least one country other than the good date before that of the application	country other than the tent or inventor's United States of
PRIOR FOREIGN/PCT APP	LICATION(S) AND ANY PRIORI	ITY CLAIMS UNDER 35 U.S.C. 119	9:
COUNTRY	APPLICATION NUMBER	DATE OF FILING DAY, MONTH, YEAR	PRIORITY CLAIMED UNDER 35 USC 119
Europe ✓	02079837.7	18 November 2002	YES
-			
	1.0	DEDARTMENT OF COMMERCE Pote	ant and Tradomarks Office

Rec'd PET/PTO 12 MAY 2005

(includ	Combined Declaration For Patent Application and Power of Attorney (Continued) (includes Reference to PCT International Applications) Attorneys Docket Number PHNL021185 US						
POWI	ER OF ATTORNE	Y: As a named inventor,	I hereby appoint	the following attorney(s) and/o	or agent(s) to p	rosecute this application and	
transa	ct all business in the	Patent and Trademark (Office connected	therewith. (List name and regis	stration number	10/535070	
Jack I	E. Haken, Reg. No.	26,902			Direct Teleph	none Calls to:	
		g. No. 32, 266	3		(914)332-0	elephone number)	
Edwa	rd M. Blocker, Re	eg. No. 30,245			1914/0023	12.22	
				T = 100 = 01 /51 / 11 / 12	<u> </u>	SECOND GIVEN NAME	
	FULL NAME OF INVENTOR	FAMILY NAME	DAKKED	FIRST GIVEN NAME			
1.	INVENTOR	VAN DEN MEE	RANNER	Johannes_		Engelbertus	
						Adrianus Maria COUNTRY OF CITIZENSHIP	
201	RESIDENCE & CITIZENSHIP	CITY		STATE OR FOREIGN COU	NIRY	The Netherlands	
		Tilburg		The Netherlands		STATE & ZIP CODE/COUNTRY	
	POST OFFICE ADDRESS	POST OFFICE ADDRE		CITY		The Netherlands	
		Molenbochtstr	aat oo	5014 EN Tilburg		SECOND GIVEN NAME	
(0)	FULL NAME OF INVENTOR	FAMILY NAME		FIRST GIVEN NAME		SECOND GIVEN NAME	
00)	<u> </u>		Alfons STATE OR FOREIGN COU	UTDV I	COUNTRY OF CITIZENSHIP	
202	RESIDENCE & CITIZENSHIP	CITY	~	The Netherlands	''''	The Netherlands	
		Ouecill 1907		CITY		STATE & ZIP CODE/COUNTRY	
	POST OFFICE ADDRESS	Cornolie Houtmanetrast		3572 LT Utrecht		The Netherlands	
					The Netherlands		
		3				0500115 011/51/11/11/5	
	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME		İ	SECOND GIVEN NAME	
j		VAN KATS		Carlos STATE OR FOREIGN COUNTRY		Maria COUNTRY OF CITIZENSHIP	
203	RESIDENCE & CITIZENSHIP	CITY				The Netherlands	
		Utrecht .		The Netherlands		STATE & ZIP CODE/COUNTRY	
	POST OFFICE ADDRESS	POST OFFICE ADDRE		CITY		The Netherlands	
	ADDRESS	Julianaweg 39	9	3523 XE Utrecht		The Netherlands	
to be to	rue: and further that imprisonment, or bo	these statements were n	nade with the kno Title 18 of the Ur	ige are true and that all statem owledge that willful false staten nited states Code, and that suc	nents and the li	nformation and belief are believed ke so made are punishable by statements may jeopardize the	
SIGNATURE OF INVENTOR 201 SIGNATURE OF				F INVENTOR 202 SIGN		TURE OF INVENTOR 203	
av Blade							
DATE DATE DATE							
21 June 2004							
							

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(July 1994)

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COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

(includes Reference to PCT International Applications)

10/535070

ATTORNEY'S DOCKET NUMBER **PHNL021185 US**

As a below named inventor, I	hereby declare that:							
My residence, post office add	lress and citizenship are as state	ed next to my name.						
(if plural names are listed bel	I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: "Dispersion of nanowires of semiconductor material" the specification of which (check only one item below):							
is attached hereto.								
was filed as United States	application							
Serial No								
on								
and was amended								
on								
X was filed as PCT internati								
Number <u>PCT/TB2003/050014</u>								
on O6 November: 2003								
and was amended under PC	T Article 19							
on			(if applicable).					
	ewed and understand the contemendment referred to above.	nts of the above-identified specificati	on, including the					
I acknowledge the duty to dis with Title 37, Code of Federa	close information which is mater I Regulations, § 1.56(a).	rial to the examination of this applicat	tion in accordance					
I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:								
PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:								
COUNTRY	APPLICATION NUMBER	DATE OF FILING DAY, MONTH, YEAR	PRIORITY CLAIMED UNDER 35 USC 119					
Europe	02079837.7	18 November 2002	YES					
			<u></u>					

Rec'd PST/PTO 12 MAY 2005

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Coml (includ	bined Declaration les Reference to PC	n For Patent Application and International Applications)	nd Pow	er of Attorney (Continue	ed)	Attorneys Docket Number PHNL021185 US
POW transa	ER OF ATTORNE ct all business in the	Y: As a named inventor, I hereby Patent and Trademark Office cor	appoint nected	the following attorney(s) and/ therewith. (List name and regi	or agent(s) to stration number	prosecute this application and $10/535070$
Micha	E. Haken, Reg. No ael E. Marion, Re	g. No. 32, 266 — $=$				phone Calls to: telephone number) -0222
Edwa	rd M. Blocker, Re	eg. No. 30,245				· ·
	FULL NAME OF INVENTOR	FAMILY NAME VAN DEN MEERAK	KER	FIRST GIVEN NAME Johannes	· —	SECOND GIVEN NAME Engelbertus
201	RESIDENCE & CITIZENSHIP	CITY Tilburg		STATE OR FOREIGN COUNTRY The Netherlands		Adrianus Maria COUNTRY OF CITIZENSHIP The Netherlands
POST OFFICE ADDRESS		POST OFFICE ADDRESS Molenbochtstraat 85		CITY 5014 EN Tilburg		STATE & ZIP CODE/COUNTRY The Netherlands
	FULL NAME OF INVENTOR	FAMILY NAME BLAADEREN CITY Utrecht POST OFFICE ADDRESS Cornelis Houtmanstraat 3		FIRST GIVEN NAME Alfons STATE OR FOREIGN COUNTRY The Netherlands CITY 3572 LT Utrecht		SECOND GIVEN NAME
202	RESIDENCE & CITIZENSHIP					COUNTRY OF CITIZENSHIP The Netherlands STATE & ZIP CODE/COUNTRY
	POST OFFICE ADDRESS					The Netherlands
00	FULL NAME OF INVENTOR	FAMILY NAME VAN KATS CITY Utrecht VLX		FIRST GIVEN NAME Carlos STATE OR FOREIGN COUNTRY The Netherlands		SECOND GIVEN NAME Maria
203	RESIDENCE & CITIZENSHIP					The Netherlands
	POST OFFICE ADDRESS	POST OFFICE ADDRESS Julianaweg 399		3523 XE Utrecht		STATE & ZIP CODE/COUNTRY The Netherlands
to be t	rue: and further that imprisonment, or be	atements made herein of my own these statements were made with oth, under section 1001 if Title 18 or any patent issuing thereon.	the kno	wledge that willful false stater	nents and the	information and belief are believed like so made are punishable by statements may jeopardize the
SIGNA	TURE OF INVENT	OR 201 SIGNAT	TURE O	F INVENTOR 202	SIGNA	ATURE OF INVENTOR 203
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DATE		DATE	-		DATE	24 June 2004

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(July 1994)